Claim Listing

- 1-8. (canceled)
- 9. (original) A sheet media feed mechanism, comprising:
 - a chassis;
 - a motor mounted to the chassis;
 - a rotatable shaft operatively coupled to the motor;
 - a roller affixed to the shaft;
- an idler disposed opposite the roller, the idler and the roller engagable with one another to form a nip therebetween;

bearings mounted to the chassis and supporting the shaft, each bearing having a cylindrical inner bearing surface; and

the shaft having a spherical journal surface inside and rotatable against each bearing surface.

- 10. (original) The mechanism of Claim 9, wherein each bearing includes a bushing defining the bearing surface and a body holding the bushing.
- 11. (original) The mechanism of Claim 10, wherein each bushing is pressed or over-molded into the body of the bearing.
- 12. (original) The mechanism of Claim 11, further comprising a part mounting each of the bearings to the chassis.
- 13. (original) The mechanism of Claim 11, further comprising a part mounting each of the bearings to the chassis and the body of each bearing is integral with the mounting part.

- 14. (original)
- A printer, comprising:
- a chassis:
- a print engine;
- a feed mechanism operative to move media sheets along a media path through the print engine;
- a printer controller configured to control the operation of the print engine and the feed mechanism; and

the feed mechanism including

- a motor mounted to the chassis,
- a rotatable shaft operatively coupled to the motor,
- a roller affixed to the shaft,
- an idler disposed opposite the roller, the idler and the roller engagable with one another to form a nip therebetween,

bearings mounted to the chassis and supporting the shaft, each bearing having a cylindrical inner bearing surface, and

the shaft having a spherical journal surface inside and rotatable against each bearing surface.

- 15. (previously presented) A sheet media feed mechanism, comprising:
 - a motor;
- a rotatable shaft operatively coupled to the motor, the shaft having a spherical journal surface supported inside and rotatable against a cylindrical bearing surface; a roller affixed to the shaft.
- 16. (previously presented) A sheet media feed mechanism, comprising:
 - a motor:
 - a rotatable shaft operatively coupled to the motor;
- a first spherical journal on a first part of the shaft, a second spherical journal on a second part of the shaft, a first cylindrical bearing supporting the first journal and a second cylindrical bearing supporting the second journal; and
 - a roller affixed to the shaft between the journals.